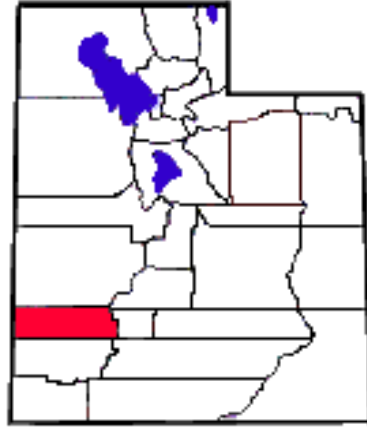


Utah 911 Committee Grant Description/Justification Attachment A



Funding Request:

Beaver County requests funds to provide for the upgrading of hardware and software at the Beaver County PSAP to provide Phase II capability. Beaver County intends to initiate Phase II as soon as the new equipment is in place. The total cost of the upgrade is \$143,800 of one time money, \$50,000 of which can be paid from Beaver County's E-911 Special Revenue Fund Reserve.

Grant Request Justification:

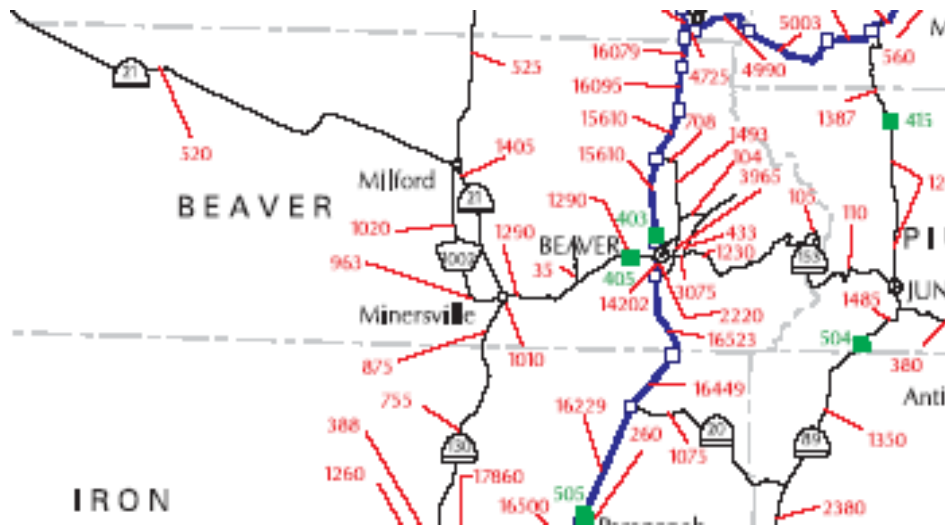
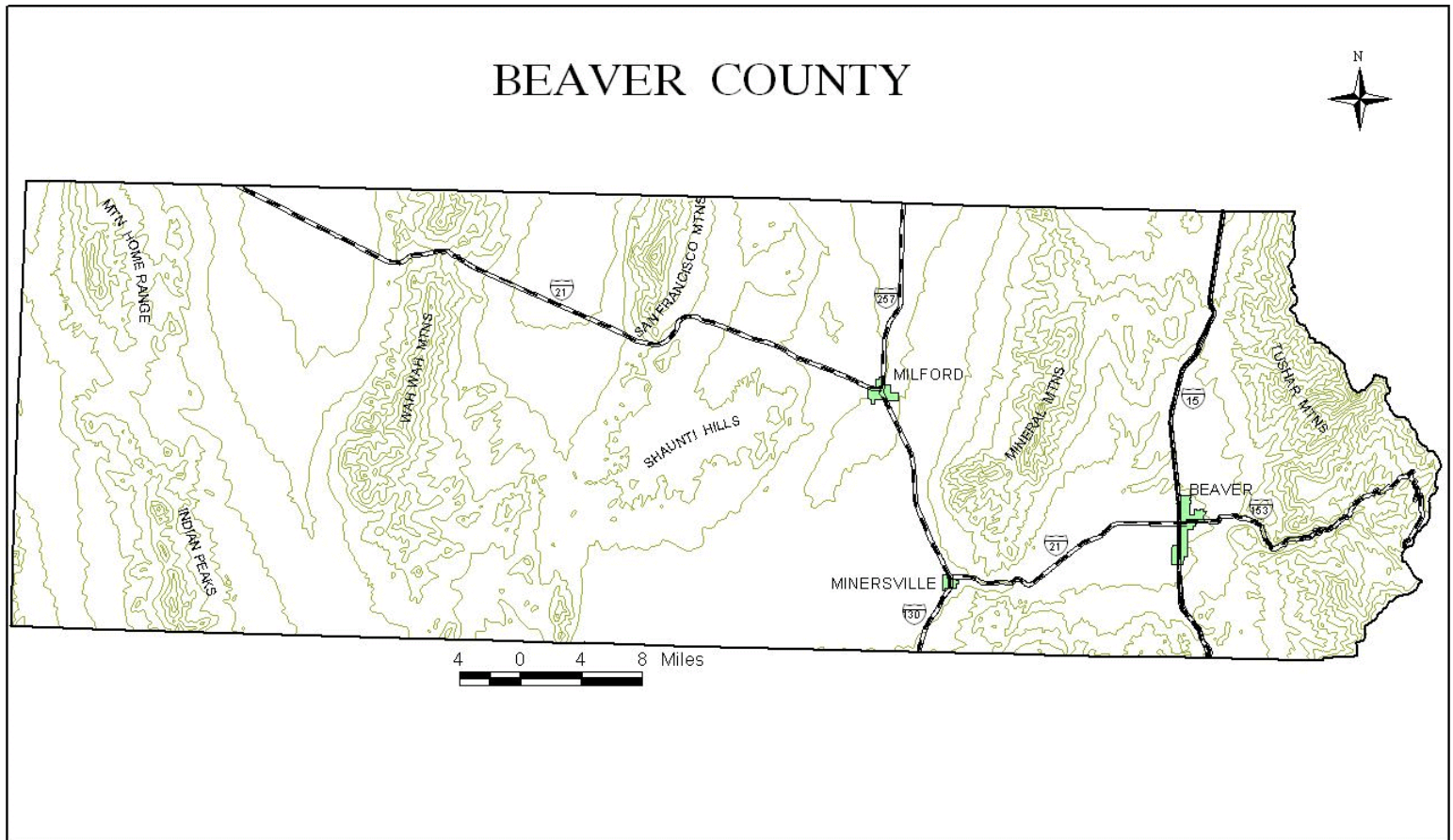
Beaver County has a population of 6,000 residents, and is located on the I-15 corridor. The County has three incorporated towns: Beaver, Minersville, and Milford; and three communities: Greenville, Adamsville, and Elk Meadows. The County consists of 2,587 square miles encompassing portions of the Fishlake National Forest and Tushar Mountain Range on the east side of the county, and the Wah Wah Mountain Range, San Francisco Mountain Range, Indian Peak Range, and Mineral Mountain Range in the west and north portions of the county. Within the county there are 965 miles of county maintained roads, 30.83 miles of Interstate (I-15) and 121.38 miles of State Road (SR21, SR153, SR257 and SR130), plus thousands of additional miles of unmaintained roads used for recreational purposes. The population density equates to 2.3 persons/square mile. 114,761 acres (6.9%) are privately owned; 1,387,796 acres (83.6%) are federally owned; 157,580 acres (9.5%) are state owned. The Beaver County Sheriff's Department serves as the main law enforcement agency and first responder for all of Beaver County. Beaver County's current E911 equipment consists of a ComCentrex and MAARS

backbone. Dispatch is using the same 911 equipment, made by Plant Equipment, that it started out with in 1993: an LED console that shows ALI/ANI information in green on a black background when that information is available, and nothing more. Dispatchers must manually enter the caller information into a separate CAD software system in order to log the call. When Phase II Wireless is fully implemented our existing equipment will only receive and display longitude and latitude coordinates. The LED console that is currently fed by E911 data is no longer produced by Plant Equipment, Inc. and can only be “patched” by similar units removed from other Utah PSAPS that have already updated their equipment, and it is being “patched” more and more regularly these days.

The PSAP is staffed by four full time dispatchers, to serve the needs of county residents and the traveling public. The four state highways and one interstate highway that traverse through Beaver County receive annual average daily traffic counts totaling over 23,000 vehicles. In order to provide emergency services to local and traveling wireless callers and to more efficiently respond to local wire-line users, Beaver County wants to upgrade its E911 hardware and software to Plant’s Vesta Pallas System with Orion MapStar, MapManager, and Qwest’s NetClock.

Since the inception of the 911 surcharge, ***the county has used the income for equipment maintenance and database charges only***, and has accumulated \$50,000 in the fund that it intends to use for partial payment of the upgrade cost. Salaries and benefits of the dispatchers are paid out of Beaver County general funds and are estimated at \$142,720 annually. All POST training costs, travel, and per diem for dispatchers’ training, and salaries paid to Sheriff deputies who rotate in to cover dispatch as needed are also paid from the general fund. In 2004 the income from the E911 surcharge was \$26,337.92; equipment maintenance and database charges totaled \$18,962.56. Maintenance costs on the new hardware and software, database charges to Qwest and South Central, and ***new costs*** (see Appendix C) of maintenance on the new wireless trunks, phase II monthly charges, and wireless ALI database charges will continue to use up what the county collects in surcharge money. ***We are asking the 911 Committee for \$93,800 in grant funding to complete our project.***

Appendix A



2003 Traffic Statistics, UDOT

Daily Average Vehicle Statistics, first three months of 2005, UDOT

DAILY AVERAGE VEHICLES				PERCENT CHANGE THIS MONTH COMPARED TO CORRESPONDING MONTH IN			PERCENT CHANGE THIS YEAR TO DATE COMPARED TO CORRESPONDING PERIOD IN			ADJ AVG WEEK DAY TO AVG DAY IN MONTH	DATA PERTINENT THIS MONTH				FEB AVG VEH PER DAY	DAYS IN OPER	
MARCH OF YEAR											MAXIMUM HOUR		MAXIMUM DAY				
2000	2003	2004	2005	2000	2003	2004	2000	2003	2004		DATE & HOUR	VEHS	DAY & DATE	VEHS			
STATION: 35-0355				ROUTE: SR 171 3500 SOUTH 7658 WEST, MAGNA			ACCUM. MILE: 0.95 (FC 16)										
13,854	13,897	13,788	13,522	-2.4	-2.7	-1.9	-1.3	-2.9	-0.2	0.983	FRI 18 5 - 6 PM	1,313	FRI 18	15,863	13,587	30	
STATION: 33-0362				ROUTE: SR 89 0.2 MILES WEST OF SR 30, GARDEN CITY			ACCUM. MILE: 413.49 (FC 2)										
1,255	1,181	1,338	1,280	2.0	8.4	-4.3	4.7	5.0	-2.3	1.029	SAT 05 3 - 4 PM	162	SAT 5	1,647	1,225	31	
STATION: 05-0363				ROUTE: SR 91 0.8 MILES NORTH OF SR 101, WELLSVILLE			ACCUM. MILE: 20.20 (FC 2)										
16,586	17,209	18,456	18,217	9.8	5.9	-1.3	6.6	1.3	-0.2	0.987	FRI 04 5 - 6 PM	1,935	FRI 11	22,414	16,994	31	
STATION: 21-0382				ROUTE: SR 14 1.7 MILES EAST OF SR 130, CEDAR CITY			ACCUM. MILE: 1.68 (FC 16)										
1,081	1,156	1,189	1,157	7.0	0.1	-2.7	1.9	-3.2	-1.1	1.063	SAT 12 6 - 7 PM	173	SAT 12	1,765	1,014	31	
STATION: 53-0400				ROUTE: I 15 1 MILE SOUTH OF BLOOMINGTON INTERCHANGE, ST GEORGE			ACCUM. MILE: 3.65 (FC 11)										
17,473	19,497	20,920	23,015	31.7	18.0	10.0	26.8	10.9	8.1	1.029	FRI 25 3 - 4 PM	2,303	FRI 25	31,579	19,504	31	
STATION: 53-0401				ROUTE: I 15 1 MILE SOUTH OF LEEDS INTERCHANGE			ACCUM. MILE: 22.39 (FC 1)										
16,140	17,894	19,328	20,557	27.4	14.9	6.4	23.6	8.8	3.6	1.026	SUN 20 1 - 2 PM	2,174	FRI 25	26,191	17,403	30	
STATION: 53-0402				ROUTE: SR 9 1.3 MILES WEST OF SR 318, HURRICANE			ACCUM. MILE: 1.46 (FC 2)										
14,943	16,417	18,879	20,724	38.7	26.2	9.8	33.8	15.9	7.8	0.945	SAT 26 1 - 2 PM	2,169	FRI 25	26,483	18,660	31	
STATION: 01-0403				ROUTE: I 15 0.5 MILES NORTH OF NO. BEAVER INTERCHANGE			ACCUM. MILE: 112.81 (FC 1)										
13,829	15,182	16,367	17,187	24.3	13.2	5.0	20.0	4.8	2.5	1.048	SUN 20 2 - 3 PM	2,322	SUN 20	24,374	13,650	31	
STATION: 15-0404				ROUTE: I 70 1 MILE WEST OF SR 6 INTERCHANGE			ACCUM. MILE: 156.94 (FC 1)										
3,672	3,835	4,643	4,197	14.3	9.4	-9.6	11.2	-3.3	-5.4	1.064	SUN 20 12 - 1 PM	499	SAT 19	6,311	2,803	31	

DAILY AVERAGE VEHICLES				PERCENT CHANGE THIS MONTH COMPARED TO CORRESPONDING MONTH IN			PERCENT CHANGE THIS YEAR TO DATE COMPARED TO CORRESPONDING PERIOD IN			ADJ AVG WEEK DAY TO AVG DAY IN MONTH	DATA PERTINENT THIS MONTH				FEB AVG VEH PER DAY	DAYS IN OPER
MARCH OF YEAR											MAXIMUM HOUR		MAXIMUM DAY			
2000	2003	2004	2005	2000	2003	2004	2000	2003	2004		DATE & HOUR	VEHS	DAY & DATE	VEHS		
STATION: 01-0405				ROUTE: SR 21 3 MILES WEST OF MAIN STREET, BEAVER				ACCUM. MILE: 104.31 (FC 6)								
1,213	1,195	1,269	1,254	3.4	4.9	-1.2	1.7	-0.2	-0.6	0.937	FRI 11 4 - 5 PM	157	FRI 11	1,614	1,169	31